

57. PHALACROCORAX AFRICANUS.

Phalacrocorax africanus (Gm.) ; Shelley, Ibis, 1894, p. 28 ; Reichen. Vög. Deutsch-Ost-Afr. p. 22.

Lake Shirwa. Two specimens.

58. PODICEPS CAPENSIS.

Tachybaptus fluviatilis, Shelley, Ibis, 1894, p. 478.

Colymbus fluviatilis, Reichen. Vög. Deutsch-Ost-Afr. p. 17.

Podiceps capensis, "Licht.;" Salvad. Ann. Mus. Civ. Gen. 1884, p. 236.

Lake Shirwa. One specimen.

XX.—Notes on a small Collection of Birds from
Mashonaland. By GUY A. K. MARSHALL.

I HAVE forwarded to my friend, Dr. Bowdler Sharpe, a small collection of birds from the vicinity of Salisbury, in Mashonaland, and, at his request, I have added a few notes on the habits and soft parts of some of the species.

1. ASTURINULA MONOGRAMMICA.

Asturinula monogrammica (T.) ; Sharpe, ed. Layard's B. S. Afr. p. 42 (1875).

No. 2. Salisbury, July 27, 1894. Legs and cere vermilion; bill black; iris brown; anterior portion of palate vermilion, posterior portion black. In crop, one small snake and one scorpion. Native name "Rgwódsi" (meaning "Hawk" generally, I think).

2. MEROPS APIASTER.

Merops apiaster, Linn. ; Sharpe, t. c. p. 96.

No. 9. ♀. Salisbury, Nov. 7, 1894. Bill black; legs slate; iris carmine. In stomach hymenoptera only. Native name "Makwírokwíro."

3. HALCYON PALLIDIVENTRIS.

Halcyon pallidiventris, Cab. ; Sharpe, Cat. B. xvii. p. 235.

No. 21. ♂. Salisbury, Dec. 19, 1894. Bill and legs vermilion, claws dark horn-colour; iris dark brown. In stomach, remains of a large grasshopper (*Clonia wahlbergi*)

and one beetle. I fancy this Kingfisher cannot be very common, as the Kafirs have no name for it. I saw it on 19th Dec. for the first time, and shot it in the bush a long way from water. The Kafirs say that it is entirely a bush-bird.

4. COCCYSTES GLANDARIUS.

Coccytes glandarius (Linn.); Sharpe, t. c. p. 157.

No. 14. ♂ ad. Salisbury, Nov. 11, 1894. Iris dark grey; bill black, the lower mandible flesh-colour beneath; feet dark slate-colour. In stomach a large hairy caterpillar. Native name "Rgwódsi" (meaning "Hawk," for which the bird is mistaken by the Kafirs).

5. MELANOBUCCO TORQUATUS.

Melanobucco torquatus (Dumont); Shelley, Cat. B. Brit. Mus. xix. p. 24 (1891).

Pogonorhynchus torquatus, Sharpe, ed. Layard's B. S. Afr. p. 172.

No. 33. ♀. Salisbury (5000 ft.), April 15, 1895. Bill blackish; legs dark slate; iris dull crimson. In stomach, berries containing large and very hard stones.

6. DENDROPICUS CARDINALIS.

Dendropicus cardinalis (Gm.); Sharpe, ed. Layard's B. S. Afr. p. 190 (1875).

No. 1. ♂ ad. Salisbury, July 26, 1894. Bill and legs black; iris brown.

No. 2. ♂ ad. Salisbury, April 14, 1895. Bill black; legs dark slate; iris dull crimson. In stomach, two caterpillars and insects. Native name "Mupúpu."

7. PYCNONOTUS LAYARDI.

Pycnonotus layardi, Gurney; Sharpe, t. c. p. 207.

No. 29. ♀. Salisbury, April 14, 1895. Bill black; legs black; iris brown. In stomach insects.

8. THAMNOLEA SUBRUFIPENNIS.

Thamnoleæ subrufipennis, Reichen. Vög. Deutsch-Ost-Afr. p. 234.

No. 26. ♂ ad. Salisbury, April 12, 1895. Legs and bill

black; iris brown. In stomach insects (chiefly ants) and a few small seeds.

No. 30. ♀ ad. Salisbury, April 14, 1895. Bill and legs black; iris brown. In stomach, insects and a few small seeds.

9. *SAXICOLA PILEATA*.

Saxicola pileata (Gm.); Sharpe, t. c. p. 238.

No. 10. ♀. Salisbury, Nov. 7, 1894. Bill black; legs black; iris brown. In stomach diptera. Native name "Sgwánsngwe."

10. *CISTICOLA TERRESTRIS*.

Cisticola terrestris (Smith); Sharpe, t. c. pp. 279, 824.

No. 34. ♂. Salisbury (5000 ft.), April 16, 1895. Upper mandible blackish, lower pale flesh-colour; legs pale flesh-colour; iris light yellowish brown. In stomach one young locust, one spider, and a few small coleoptera.

11. *CISTICOLA CINERASCENS*.

Cisticola cinerascens, Heugl.; Sharpe, Cat. B. Brit. Mus. vii. p. 248.

No. 23. Salisbury (5000 ft.), March 11, 1895. Upper mandible blackish, lower flesh-colour; iris yellow; legs flesh-colour.

12. *PHYLLOSCOPUS TROCHILUS*.

Phylloscopus trochilus (Linn.); Sharpe, ed. Layard's B. S. Afr. p. 296.

No. 15. ♀. Salisbury, Nov. 11, 1894. Bill brownish, lighter below; legs flesh-colour; iris brown. Stomach almost empty, contents unrecognizable. Native name "Nimba."

13. *CINNYRIS GUTTURALIS*.

Cinnyris gutturalis (Linn.); Sharpe, t. c. p. 311.

No. 25. ♂. Salisbury, April 12, 1895. Bill black; legs black; iris brown. In stomach small insects.

14. *CINNYRIS CHALYBÆUS*.

Cinnyris chalybaeus (Linn.); Sharpe, t. c. p. 314.

No. 28. ♂. Salisbury, April 14, 1895. Bill black; legs black; iris brown. In stomach larvæ of micro-lepidoptera.

15. ZOSTEROPS ANDERSSONI.

Zosterops anderssoni, Shelley, Bull. B. O. Club, i. p. v (1892).

No. 31. ♂ ♀. Salisbury, April 14, 1895. Bill black; legs dark slate; iris hazel. In stomach, bits of fig and a few small insects.

16. ANTHOSCOPIUS CAROLI.

Ægithalus caroli, Sharpe, Ibis, 1871, p. 415; Gadow, Cat. B. Brit. Mus. viii. p. 71, pl. i. fig. 1.

Anthoscopus caroli, Sharpe, ed. Layard's B. S. Afr. p. 327.

No. 8. ♀. Salisbury, Nov. 5, 1894. Iris brown; legs slate; bill blackish, lighter apically. In stomach, minute insects and larvæ. Native name "Wowólsa."

17. PARUS AFER.

Parus afer, Gm.; Sharpe, t. c. p. 329.

No. 27. ♂. Salisbury, April 12, 1895. Bill black; legs light slate; iris brown. In stomach small insects.

18. SALPORNIS SALVADORII.

Salpornis salvadorii (Bocage); Sharpe, t. c. p. 835.

No. 3. Ad. Salisbury, Oct. 10, 1894. Upper mandible black, lower yellowish; legs black; iris brown. Native name "Mangwídso."

19. MUSCICAPA GRISOLA.

Muscicapa grisola, Linn.; Sharpe, t. c. p. 338.

No. 17. ♀. Salisbury, Nov. 18, 1894. Iris brown; legs and bill black. In stomach insects. Native name "Nimba."

20. PACHYPRORA MOLITOR.

Batis molitor (Hahn & Küster); Sharpe, t. c. p. 348.

No. 5. Ad. Salisbury, Oct. 11, 1894. Bill and legs black; iris bright yellow. Native name "Mabóta."

21. HYLIIOTA AUSTRALIS.

Hyliota australis, Shelley; Sharpe, t. c. p. 836.

No. 4. Ad. Salisbury, Oct. 11, 1894. Bill and legs black; iris brown. Native name "Jigurugúta."

22. TELEPHONUS SENEGALUS.

Laniarius senegalus (Linn.) ; Sharpe, t. c. p. 394.

No. 22. ♂. Salisbury, Dec. 19, 1894. Bill black ; legs very pale grey ; iris light grey. In stomach insects. Native name "Nyamkongira."

23. NILAUS BRUBRU.

Nilaus brubru, Sharpe, t. c. p. 397.

No. 35. ♂. Salisbury (5000 ft.), April 16, 1895. Bill—upper mandible black, lower mandible slate, apex blackish ; legs slate ; iris brown. In stomach coleoptera.

24. BRADYORNIS MURINUS.

Bradyornis murinus, Finsch & Hartl. ; Sharpe, t. c. p. 844.

No. 36. ♂. Salisbury (5000 ft.), April 25, 1895. Bill black ; legs black ; iris dark brown. In stomach a locust.

25. PRIONOPS TALACOMA.

Prionops talacoma, Smith ; Sharpe, t. c. p. 406.

No. 20. Juv. (? ♂). Salisbury, Dec. 12, 1894. Bill black ; legs salmon-pink ; iris brown. In stomach, a caterpillar and moths' eggs. Native name "Madshgwé-dshgwé."

This bird is always found in small flocks of four or six in the bush. These always keep close together, sitting on low bushes or low down on the trunks of trees. They seem to feed chiefly on caterpillars. Their note is a sort of chatter, like "ishqwe," repeated quickly four or five times.

26. BUCHANGA ASSIMILIS.

Buchanga assimilis (Bechst.) ; Sharpe, t. c. p. 408.

No. 7. ♂ juv. Salisbury, Nov. 5, 1894. Bill black ; legs black ; iris brown. In stomach coleoptera. Native name "Mindirira."

27. ORIOLUS NOTATUS.

Oriolus notatus, Peters ; Sharpe, t. c. p. 412.

No. 32. ♂. Salisbury (5000 ft.), April 15, 1895. Bill dark flesh-colour ; legs dark slate ; iris scarlet. In stomach, two hawk-moth larvæ and two large stones of berries. Large intestine infested with worms.

28. PYROMELANA XANTHOMELÆNA.

Pyromelana xanthomelæna (Rüpp.); Sharpe, Cat. B. Brit. Mus. xiii. p. 239 (1890).

No. 19. ♂ ad. Salisbury, Dec. 12, 1894. Upper mandible blackish, lower mandible very pale fleshy; iris brown. In stomach insects.

29. PETRONIA PETRONELLA.

Petronia petronella (Licht.); Sharpe, t. c. p. 481.

No. 24. ♀. Salisbury, March 14, 1895. Bill slate, lower mandible lighter; legs slate; iris light brown. In stomach young locust.

30. POLIOSPIZA GULARIS.

Poliospiza gularis (Smith); Sharpe, t. c. p. 482.

No. 12. ♂. Salisbury, Nov. 10, 1894. Bill dark slate; legs dark slate; iris light brown. In stomach small seeds. Native name "Nimba."

31. SERINUS ANGOLENSIS.

Serinus angolensis (Gm.); Sharpe, Cat. B. Brit. Mus. xii. p. 367 (1888).

Crithagra angolensis, Sharpe, ed. Layard's B. S. Afr. p. 484.

No. 18. ♂. Salisbury, Dec. 12, 1894. Upper mandible blackish, lower mandible light fleshy; legs and feet pale horny; iris brown. In crop small black seeds. Native name "Chisha shásha."

32. ANTHUS PYRRHONOTUS.

Anthus pyrrhonotus (V.); Sharpe, t. c. p. 537.

No. 6. Ad. Salisbury, Oct. 20, 1894. Upper mandible black, lower mandible yellow, black at tip; palate bright yellow; iris brown.

XXI.—*On the Geographical Distribution of Sterna dougalli, Mont.* By HOWARD SAUNDERS.

IN the last Part of this volume (p. 99) a [?] was appended to No. 36, *Sterna dougalli*, in Mr. Whitaker's list of Tunisian birds, followed by an Editorial footnote to the